Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Similar Triangle Proofs: Worksheet #2

Given: AB = 6 AD= 18

 AC = 4 AF= 12

Prove: $∆ABC\~∆ADF$

B

A

C

D

F

Given: AB = 4 AD= 8

 AC = 6 CF= 6

B

A

C

D

F

Prove:$ ∠ABC≅∠D$

B

A

C

D

F

Given: B is the midpoint of AD and C is the midpoint of AF

Prove: $\overbar{BC}∥\overbar{DF}$

B

A

C

D

F

Given: MP is the midsegment of $∆RNQ$

Prove: $\frac{MP}{NQ}=\frac{RP}{RQ}$

MB

R

P

N

QF